

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--|------------------|---------|------------------|
| L32 | 4902 | (time) WITH (ready) WITH (peripheral device hardware) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/05 14:03 |
| L33 | 53 | (((initializ\$5 boot spin init) NEAR2 time) sut) WITH (ready idle) WITH (peripheral device hardware unit) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/05 14:04 |
| L34 | 13 | L33 AND (poll\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/05 14:06 |
| L35 | 19 | ((KIMMO) near2 (MYLLY)).INV. | US-PGPUB; USPAT | OR | ON | 2007/12/05 16:32 |
| L36 | 5 | ((JANI) near2 (HYVONEN)).INV. | US-PGPUB; USPAT | OR | ON | 2007/12/05 16:32 |
| L37 | 16 | ((MARKO) near2 (AHVENAINEN)).INV. | US-PGPUB; USPAT | OR | ON | 2007/12/05 16:32 |
| S1 | 2 | "737191".ap. | US-PGPUB | OR | ON | 2007/01/10 11:40 |
| S2 | 1274 | (710/8).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/02/06 13:25 |
| S3 | 551 | (710/72).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/31 14:21 |
| S4 | 928 | (710/62).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/19 14:05 |
| S5 | 687 | (710/10).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/20 14:48 |
| S6 | 48 | ("6219736" "6219736" "6141708" "5245703" "5477476" "5625840" "5838935" "5875349" "5938742" "6023585" "6029209" "6122677" "6145019" "6173341" "6233638" "4373181" "4591973" "4970640" "5307462" "5355414" "5530897" "5535336" "5561813" "5579491" "5640592" "5664119" "5717903" "5724558" "5734847" "5802318" "5835760" "5848294" "5848277" "5848249" "5920733" "5920709" "5948091" "5950014" "5953516" "5996038" "6009480" "6014717" "6021498" "6029238" "6035346" "6035355" "6044411" "6061751" "6061751" "6119192").pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/01 16:58 |
| S7 | 48 | ("6126327" "6167463" "6182162" "6185647" "6192439" "6192481" "6195216" "6212588" "6212588" "6233625" "6246666" "6286057" "6292859" "6321279" "6349345" "6349347" "6357021" "6393492" "6397268" "6397316" "6401198" "6408394" "6446139" "6460093" "6466996" "6584511" "6633976" "6678770" "6804727" "5214785" "5933652" "4779189" "5245572" "5361343" "5420987" "5420998" "5448153" "5565757" "5668957" "5680556" "5765041" "5802393" "5884094" "6003017" "6145027" "6216191" "6216191" "6470026" "6477171" "6694430").pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/01 16:58 |

EAST Search History

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|-----|---------|---|---|----|-----|------------------|
| S8 | 50 | ("6717477" "6845412" "4430704" "5561819" "5561821" "5781798" "6324644" "5379437" "5396654" "5867645" "6038621" "4378160" "4435781" "4589063" "4800523" "4821180" "5199105" "5220534" "5220659" "5222218" "5228130" "5247682" "5261107" "5291585" "5307475" "5317695" "5325527" "5357519" "5361365" "5371897" "5404524" "5442305" "5459867" "5465355" "5465360" "5495594" "5517638" "5535419" "5535415" "5542055" "5564033" "5576650" "5586268" "5586324" "5586327" "5598563" "5611078" "5615104" "5615401" "5619734").pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/01 16:58 |
| S9 | 1306 | (710/8).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/19 15:46 |
| S10 | 568 | (710/72).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/19 15:46 |
| S11 | 964 | (710/62).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/19 15:46 |
| S12 | 711 | (710/10).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/19 15:46 |
| S13 | 283 | (S9 S10 S11 S12) AND (timeout (time adj out)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/19 15:46 |
| S14 | 61 | (S9 S10 S11 S12) AND (timeout (time adj out)) SAME (download transmit retrieve) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/19 15:46 |
| S15 | 2 | "6674013".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/19 16:22 |
| S16 | 7374334 | (init initializ\$5 boot\$3 connect\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/03 11:39 |
| S17 | 55352 | timeout (time adj out) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 09:54 |
| S18 | 1539 | S16 near2 S17 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 09:57 |
| S19 | 134916 | poll\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 09:57 |
| S20 | 24 | (S16 near2 S17) SAME S19 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 09:58 |

EAST Search History

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|-----|---------|--|---|----|----|------------------|
| S21 | 211 | (send transmit) NEAR (timeout (time adj out)) NEAR (information data length time byte) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 11:09 |
| S22 | 14 | (send transmit) NEAR (timeout (time adj out)) NEAR (information data length byte) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 11:16 |
| S23 | 57 | (send transmit) NEAR2 (timeout (time adj out)) NEAR2 (information data length byte) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 12:07 |
| S24 | 43 | S23 NOT S22 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 11:17 |
| S25 | 47 | MultiMediaCard adj Association | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 14:20 |
| S26 | 2 | S25 and (timeout (time adj out)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 12:11 |
| S27 | 41 | S25 and (time) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 12:15 |
| S28 | 31 | S25 and (S16 same time) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 12:17 |
| S29 | 18 | ("5367647" "5535400" "5586271" "5598538" "5634081" "5640593" "5721880" "5845154" "5961613" "5968147" "6035384" "6058436" "6061752").PN. OR ("6233625").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/20 12:58 |
| S30 | 710 | (timeout (time adj out)) near2 (register byte) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 14:21 |
| S31 | 7374334 | (init initializ\$5 boot\$3 connect\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 14:22 |
| S32 | 174 | ((timeout (time adj out)) near2 (register byte)) SAME S31 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 14:23 |

EAST Search History

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|-----|--------|--|---|----|-----|------------------|
| S33 | 41 | S30 NEAR10 S31 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 14:23 |
| S34 | 134916 | poll\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 14:25 |
| S35 | 3542 | (initializ\$5 NEAR10 time) AND S34 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/18 13:26 |
| S36 | 280 | (initializ\$5 NEAR10 time) SAME S34 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 14:29 |
| S37 | 210 | (initializ\$5 NEAR5 time) SAME S34 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 14:29 |
| S38 | 88 | (initializ\$5 NEAR2 time) SAME S34 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 14:29 |
| S39 | 0 | (initializ\$5 NEAR2 time) SAME S34 SAME (memory adj card) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 14:29 |
| S40 | 27 | (initializ\$5 NEAR2 time) SAME S34 SAME (memory) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 14:36 |
| S41 | 8 | ((initializ\$5 boot spin init) NEAR2 time) SAME S34 SAME (memory) NOT S40 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/05 14:03 |
| S42 | 203 | (710/17).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/20 14:46 |
| S43 | 375 | (710/19).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/20 14:46 |
| S44 | 123 | (710/46).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/20 14:49 |
| S45 | 96 | (S42 S43 S44) AND ((timeout (time adj out))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 14:50 |
| S46 | 7 | ("5323393" "5694618" "5727135" "5774678" "5819015" "6092078" "6289371").PN. OR ("6950869").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/20 14:53 |

EAST Search History

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|-----|------|--|---|----|----|------------------|
| S47 | 1800 | (time period) WITH (initializ\$5 configur\$5) WITH card | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:31 |
| S48 | 95 | (MMC SD SDIO MultiMedia\$1Card (secure adj digital)) AND S47 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:29 |
| S49 | 13 | (MMC SD SDIO MultiMedia\$1Card (secure adj digital)) SAME S47 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:31 |
| S50 | 2148 | (time period) WITH (initializ\$5 configur\$5 set\$1up boot start\$1up) WITH card | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:31 |
| S51 | 17 | (MMC SD SDIO MultiMedia\$1Card (secure adj digital)) SAME S50 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:36 |
| S52 | 79 | OCR same (time period) same register | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:43 |
| S53 | 0 | OCR same (time period) same register and S50 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:37 |
| S54 | 1 | OCR same (time period) same register SAME card | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:37 |
| S55 | 2180 | (OCR (operati\$3 adj condition adj register)) same (time period) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:44 |
| S56 | 13 | (operati\$3 adj condition adj register) same (time period) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:44 |
| S57 | 249 | MultiMedia\$1Card | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:55 |
| S58 | 12 | cmd1 same poll\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 16:25 |

EAST Search History

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|-----|---------|--|---|----|----|------------------|
| S59 | 152 | ("4701841" "4730251" "4740916" "4907162" "4910655" "4912627" "4918598" "4979173" "4985920" "4999787" "5016223" "5068894" "5081667" "5131091" "5140595" "5226006" "5237609" "5293424" "5317505" "5319705" "5349649" "5361005" "5365045" "5367149" "5388083" "5418752" "5420412" "5426432" "5428685" "5430859" "5455721" "5477103" "5479638" "5485595" "5490117" "5495422" "5495594" "5499242" "5523724" "5523979" "5524362" "5534801" "5535368" "5537360" "5544335" "5559965" "5576910" "5579502" "5581708" "5586306" "5592641" "5594686" "5594874" "5596526" "5604880" "5606660" "5613096" "5613130" "5613135" "5613159" "5623637" "5627416" "5630170" "5644750" "5651116" "5666412" "5668760" "5673316" "5678021" "5678056" "5696775" "5708715" "5737742" "5740358" "5754890" "5764761" "5768043" "5774546" "5790796" "5799171" "5815426" "5818350" "5818781" "5822245" "5835935" "5838614" "5845313" "5848438" "5852617" "5864568" "5867428" "5875415" "5881252" "5892824" "5905885" "5905993" "5907856" "5909596" "5920197" "5920731" "5924113" "5928370" "5930815" "5933026" "5943481" "5946714" "5953737" "5966720" "6018265" "6025966" "6026293" "6034897" "6038400" "6040997" "6041001" "6073205" "6076137" "6081878" "6084483" "6115785" "6122195" "6125435" "6128695" "6134151" "6138180").PN. OR ("6141249" "6144607" "6145037" "6145051" "6151247" "6172906" "6173314" "6175770" "6182162" "6202138" "6223308" "6230234" "6262918" "6266720" "6266725" "6314480" "6327639" "6339831" "6360220" "6374337" "6393513" "6397314" "6404246" "6411546" "6462986" "6484216" "6490649").PN. OR ("6901457").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/20 16:27 |
| S60 | 30 | "5471564".uref. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 10:47 |
| S61 | 1941580 | time\$1out start\$1up configurat\$3 initializ\$5 boot\$3 spin\$1up | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 11:04 |
| S62 | 75045 | S61 SAME peripheral | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 10:49 |
| S63 | 1930686 | start\$1up configurat\$3 initializ\$5 boot\$3 spin\$1up | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/06 13:21 |
| S64 | 45510 | S63 NEAR2 time | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 10:56 |
| S65 | 310 | S64 WITH peripheral | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 10:50 |

EAST Search History

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|-----|---------|--|---|----|----|------------------|
| S66 | 119 | S64 NEAR5 peripheral | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 10:51 |
| S67 | 38 | S64 NEAR2 peripheral | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 10:51 |
| S68 | 23340 | S63 NEAR2 (length period) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 10:57 |
| S69 | 52 | S68 NEAR2 peripheral | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 10:57 |
| S70 | 15296 | S63 ADJ2 (length period) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 10:57 |
| S71 | 93 | (peripheral device) ADJ2 S70 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 10:57 |
| S72 | 81 | time\$1out NEAR2 peripheral | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 11:04 |
| S73 | 43 | time\$1out NEAR peripheral | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 11:04 |
| S74 | 33 | peripheral adj2 time\$1out | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 11:04 |
| S75 | 6 | ("6073183" "6526501" "6895534" "6826706" "6477558" "5471564").pn. | USPAT | OR | ON | 2005/12/22 09:57 |
| S76 | 6 | S75 and time | USPAT | OR | ON | 2005/12/22 09:57 |
| S77 | 4 | S75 and time\$1out | USPAT | OR | ON | 2005/12/22 09:57 |
| S78 | 2 | ("4638428" "5081577").pn. | USPAT | OR | ON | 2006/02/06 10:12 |
| S79 | 17 | ("4038641" "4053950" "4177512").PN. OR ("4638428").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/06 10:23 |
| S80 | 21 | ("3749897" "4257095" "4502038" "4649479" "4701848").PN. OR ("5081577").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/06 10:43 |
| S81 | 8322953 | (period length time) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/06 13:20 |

EAST Search History

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|-----|---------|---|---|----|-----|------------------|
| S82 | 1958174 | (start\$1up configurat\$3 initializ\$5 boot\$3 spin\$1up) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/06 13:21 |
| S83 | 3505960 | (memory flash storage) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/06 13:22 |
| S84 | 2927265 | (card drive) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/06 13:22 |
| S85 | 4517 | (MultiMediaCard MMC Multi\$1Media\$1Card) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/06 13:22 |
| S86 | 275 | (S82 NEAR2 S81) SAME (S83 NEAR2 S84) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/06 13:28 |
| S87 | 1333 | (710/8).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/02/06 13:26 |
| S88 | 585 | (710/72).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/02/06 13:26 |
| S89 | 990 | (710/62).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/02/06 13:26 |
| S90 | 731 | (710/10).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/02/06 13:26 |
| S91 | 205 | (710/17).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/02/06 13:26 |
| S92 | 382 | (710/19).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/02/06 13:26 |
| S93 | 126 | (710/46).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/02/06 13:26 |
| S94 | 3439 | (S87 S88 S89 S90 S91 S92 S93) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/06 13:26 |
| S95 | 9 | S86 AND S94 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/06 13:26 |
| S96 | 72 | (S82 NEAR2 S81) NEAR10 (S83 NEAR2 S84) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/06 13:30 |

EAST Search History

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|----------|----------|---|---|----|-----|------------------|
| S97 | 0 | "0689144".pn. | EPO | OR | ON | 2006/02/06 13:59 |
| S98 | 0 | "0689144" | EPO | OR | ON | 2006/02/06 13:57 |
| S99 | 6 | "0689144" | EPO; DERWENT; IBM_TDB | OR | ON | 2006/02/06 13:58 |
| S10 0 | 0 | EP0689144 | EPO; DERWENT; IBM_TDB | OR | ON | 2006/02/06 13:58 |
| S10 1 | 0 | "95304276".ap. | EPO; DERWENT; IBM_TDB | OR | ON | 2006/02/06 14:00 |
| S10 2 | 0 | "0689144".pn. | EPO; DERWENT; IBM_TDB | OR | ON | 2006/02/06 14:00 |
| S10 3 | 0 | "95304276" | EPO; DERWENT; IBM_TDB | OR | ON | 2006/02/06 14:00 |
| S10 4 | 4 | "689144".pn. | EPO; DERWENT; IBM_TDB | OR | ON | 2006/02/06 14:10 |
| S10 5 | 1 | "5566351".pn. | EPO; DERWENT; IBM_TDB | OR | ON | 2006/02/06 14:11 |
| S10 6 | 2 | "5566351".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/06 14:11 |
| S10 7 | 6025 | (710/1,8,10,15,17,19,36,46,62,72).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/07/18 12:53 |
| S10 8 | 7699074 | (init initializ\$5 boot\$3 connect\$3 (spin near up)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/18 12:54 |
| S10 9 | 60213 | timeout (time adj out) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/18 13:24 |
| S11 0 | 10556465 | peripheral device drive | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/18 13:25 |
| S11 1 | 7019096 | time | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/18 13:25 |
| S11 2 | 271 | S108 NEAR10 S109 NEAR10 S110 NEAR10 S111 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/18 13:25 |

EAST Search History

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|----------|---------|---|---|----|-----|------------------|
| S11 3 | 64 | "L1" SAME S109 SAME S110 SAME S111 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/18 13:34 |
| S11 4 | 16516 | (initializ\$5 NEAR2 time) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/18 13:26 |
| S11 5 | 3208 | S108 SAME S109 SAME S110 SAME S111 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/18 13:34 |
| S11 6 | 8934 | ((710/1,8,10,15,17,19,36,46,62,72) or (713/1,2)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/07/19 14:10 |
| S11 7 | 18 | ("5367647" "5535400" "5586271" "5598538" "5634081" "5640593" "5721880" "5845154" "5961613" "5968147" "6035384" "6058436" "6061752").PN. OR ("6233625"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/07/18 13:35 |
| S11 8 | 34 | S112 AND S116 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/19 14:11 |
| S11 9 | 48 | ("6219736" "6219736" "6141708" "5245703" "5477476" "5625840" "5838935" "5875349" "5938742" "6023585" "6029209" "6122677" "6145019" "6173341" "6233638" "4373181" "4591973" "4970640" "5307462" "5355414" "5530897" "5535336" "5561813" "5579491" "5640592" "5664119" "5717903" "5724558" "5734847" "5802318" "5835760" "5848294" "5848277" "5848249" "5920733" "5920709" "5948091" "5950014" "5953516" "5996038" "6009480" "6014717" "6021498" "6029238" "6035346" "6035355" "6044411" "6061751" "6061751" "6119192").pn. | US-PGPUB; USPAT | OR | ON | 2006/07/18 14:01 |
| S12 0 | 3710 | spin near up | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/18 14:30 |
| S12 1 | 59 | S120 AND S116 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/19 14:11 |
| S12 2 | 2087576 | combin\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/18 14:09 |
| S12 3 | 39 | (S120 WITH S122) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/18 14:21 |

EAST Search History

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|----------|---------|--|---|----|----|------------------|
| S12 4 | 4047661 | (parallel\$3 simultaneous\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/18 14:21 |
| S12 5 | 214 | S124 WITH S120 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/18 14:22 |
| S12 6 | 50 | S125 SAME S111 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/18 14:27 |
| S12 7 | 2408 | compar\$3 WITH (S108 near\$3 S111) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/18 14:30 |
| S12 8 | 3759498 | (spin\$3 spun rotat\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/18 14:30 |
| S12 9 | 462 | compar\$3 WITH (S128 near S111) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/18 14:31 |
| S13 0 | 771 | compar\$3 near\$3 (time period duration) near\$3 (spin\$7 rotat\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/18 14:37 |
| S13 1 | 159 | S130 same (peripheral drive dis\$2 platter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/18 14:35 |
| S13 2 | 1 | S116 and S131 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/18 14:35 |
| S13 3 | 969 | compar\$3 near\$3 (time period duration) near\$3 (spin\$7 rotat\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/18 14:36 |
| S13 4 | 324 | compar\$3 with (time period duration) near\$3 (spin\$7 rotat\$3) with (peripheral drive dis\$2 platter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/18 14:38 |
| S13 5 | 3 | S134 same initial\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/18 14:38 |

EAST Search History

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|----------|---------|--|---|----|-----|------------------|
| S13 8 | 113 | (open NEAR drain NEAR mode) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/19 13:34 |
| S13 9 | 5 | S138 WITH transmit\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/19 13:36 |
| S14 0 | 6535914 | combin\$3 add\$3 sum\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/19 13:36 |
| S14 1 | 903153 | ready start?1up (start near up) spin\$1up (spin near up) boot\$3 initializ\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/19 13:37 |
| S14 2 | 7392843 | time period | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/19 13:38 |
| S14 3 | 4108 | S140 WITH S141 WITH S142 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/19 13:39 |
| S14 4 | 4638835 | (peripheral drive dis\$2 platter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/19 13:40 |
| S14 5 | 255 | S143 SAME S144 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/19 13:40 |
| S14 6 | 13 | ((KIMMO) near2 (MYLLY)).INV. | US-PGPUB; USPAT | OR | ON | 2006/07/19 13:43 |
| S14 7 | 4 | ((JANI) near2 (HYVONEN)).INV. | US-PGPUB; USPAT | OR | ON | 2006/07/19 13:43 |
| S14 8 | 10 | ((MARKO) near2 (AHVENAINEN)).INV. | US-PGPUB; USPAT | OR | ON | 2006/07/19 13:43 |
| S14 9 | 2069 | (713/322,501,502).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/07/20 15:30 |
| S15 0 | 7699074 | (init initializ\$5 boot\$3 connect\$3 (spin near up)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/19 14:11 |
| S15 1 | 60213 | timeout (time adj out) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/19 14:11 |

EAST Search History

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|----------|----------|--|---|----|-----|------------------|
| S15 2 | 10556465 | peripheral device drive | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/19 14:11 |
| S15 3 | 7019096 | time | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/19 14:11 |
| S15 4 | 271 | S150 NEAR10 S151 NEAR10 S152 NEAR10 S153 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/19 14:11 |
| S15 5 | 3 | S154 AND S149 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/20 15:33 |
| S15 6 | 3710 | spin near up | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/19 14:11 |
| S15 7 | 42 | S156 AND S149 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/20 15:33 |
| S15 8 | 37 | (maximum NEAR2 timeout) AND (memory near card) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/19 14:33 |
| S16 0 | 1 | "6964018".pn. | USPAT | OR | ON | 2006/07/20 10:02 |
| S16 1 | 10 | (open NEAR drain NEAR mode) WITH (transmit\$4 transfer\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/20 15:24 |
| S16 2 | 1 | (open NEAR drain NEAR mode) SAME (SCSI) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/20 15:24 |
| S16 3 | 1003 | (713/330,324).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/07/20 15:33 |
| S16 4 | 7703169 | (init initializ\$5 boot\$3 connect\$3 (spin near up)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/20 15:33 |

EAST Search History

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|----------|----------|--|---|----|-----|------------------|
| S16 5 | 60296 | timeout (time adj out) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/20 15:33 |
| S16 6 | 10560923 | peripheral device drive | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/20 15:33 |
| S16 7 | 7023689 | time | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/20 15:33 |
| S16 8 | 271 | S164 NEAR10 S165 NEAR10 S166 NEAR10 S167 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/20 15:33 |
| S16 9 | 11 | S168 AND S163 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/20 15:33 |
| S17 0 | 3715 | spin near up | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/20 15:33 |
| S17 1 | 28 | S170 AND S163 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/20 15:41 |
| S17 2 | 1 | "5424903".pn. | USPAT | OR | ON | 2007/01/03 11:32 |
| S17 3 | 43 | ("3984699" "4153936" "4213059" "4520274" "4674031" "4719364" "4736116" "4769555" "4890212" "5278771" "Re33134").PN. OR ("5424903").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/03 11:32 |
| S17 4 | 909 | (max maximum) NEAR2 (time\$1out (time ADJ out)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/03 11:38 |
| S17 5 | 9680 | ((710/1,8,10,15,17,19,36,46,62,72) or (713/1,2)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/03 12:19 |
| S17 6 | 14 | S174 AND S175 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/03 12:20 |

EAST Search History

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|----------|---------|--|--|----|----|------------------|
| S17 7 | 63 | (max maximum) NEAR2 (time\$1out (time ADJ out)) WITH (peripheral device) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/03 11:40 |
| S17 8 | 7962690 | (init initializ\$5 boot\$3 connect\$3 power\$1up (power ADJ up)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/03 14:38 |
| S17 9 | 63104 | (time\$1out (time ADJ out)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/03 11:40 |
| S18 0 | 12 | (max maximum) NEAR2 S178 NEAR2 S179 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/03 12:00 |
| S18 1 | 172 | (max maximum) WITH S178 WITH S179 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/03 11:41 |
| S18 2 | 5 | S181 AND S175 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/03 11:45 |
| S18 3 | 1270 | (max maximum) NEAR2 (idle spin\$1up (spin ADJ up)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/03 12:00 |
| S18 4 | 357 | S183 WITH (time delay) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/03 12:01 |
| S18 5 | 4 | S184 AND S175 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/03 12:01 |
| S18 6 | 14 | ("5367647" "5535400" "5586271" "5598538" "5634081" "5640593" "5721880" "5845154" "5961613" "5968147" "6035384" "6058436" "6061752" "6233693").PN. OR ("6408394").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/03 12:03 |
| S18 7 | 240 | combin\$3 NEAR2 S178 NEAR2 (time length) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/03 12:16 |

EAST Search History

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|----------|-------|---|---|----|-----|------------------|
| S18 8 | 5 | S187 AND S175 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/03 12:19 |
| S18 9 | 18260 | ((710/1,8,10,15,17,19,36,46,62,72) or (713/1,2,300-340, 500-503,600-601)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/03 12:19 |
| S19 0 | 5 | S187 AND S189 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/03 12:19 |
| S19 1 | 41 | S174 AND S189 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/03 12:24 |
| S19 2 | 21 | S183 AND S189 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/03 12:24 |
| S19 3 | 1196 | determin\$3 WITH (maximum max) WITH S178 WITH time | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/03 14:36 |
| S19 4 | 20 | S193 AND S189 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/03 12:40 |
| S19 5 | 60 | determin\$3 NEAR4 (maximum max) NEAR4 S178 NEAR4 time | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/03 14:39 |
| S19 6 | 6 | determin\$3 NEAR4 (maximum max) NEAR4 S178 NEAR4 (clock) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/03 14:35 |
| S19 7 | 116 | determin\$3 WITH (maximum max) WITH S178 WITH clock | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/03 14:37 |

EAST Search History

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|----------|---------|---|---|----|-----|------------------|
| S19 8 | 8523495 | (init initializ\$5 boot\$3 connect\$3 power\$1up (power ADJ up) start start\$1up (start ADJ up)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/03 14:39 |
| S19 9 | 142 | determin\$3 NEAR4 (maximum max) NEAR4 S198 NEAR4 time | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/03 14:40 |
| S20 0 | 18260 | ((710/1,8,10,15,17,19,36,46,62,72) or (713/1,2,300-340, 500-503,600-601)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/03 14:41 |
| S20 1 | 6 | S199 AND S200 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/03 14:42 |
| S20 2 | 7962690 | (init initializ\$5 boot\$3 connect\$3 power\$1up (power ADJ up)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/03 14:43 |
| S20 3 | 60 | determin\$3 NEAR4 (maximum max) NEAR4 S202 NEAR4 time | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/03 14:43 |
| S20 4 | 82 | S199 NOT S203 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/03 14:44 |
| S20 5 | 7 | ("4638428" "5081577" "5424903" "5566351" "5701514" "623 3625" "6964018").PN. | US-PGPUB; USPAT | OR | ON | 2007/01/03 14:51 |
| S20 6 | 2 | combin\$3 WITH (clock time) WITH (maximum max most) WITH (initializ\$5) WITH (peripheral device) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/03 15:58 |
| S20 7 | 8 | combin\$3 WITH (clock time) WITH (maximum max most) WITH (initializ\$5) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/03 15:58 |
| S20 8 | 115 | (clock time) WITH (maximum max most) WITH (initializ\$5) WITH (peripheral device) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/03 15:59 |

EAST Search History

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|----------|-------|--|---|----|-----|------------------|
| S20 9 | 117 | ((card peripheral device) near3 time\$1out) same ((initializ\$5 boot\$3 start\$3 power\$3) near3 (time length period cycle)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/03 16:17 |
| S21 0 | 24 | S209 AND S200 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/03 16:17 |
| S21 1 | 0 | ("2005/0132092").URPN. | USPAT | OR | ON | 2007/01/03 16:29 |
| S21 2 | 0 | (09/850441).APP. | USPAT; USOCR | OR | ON | 2007/01/03 16:30 |
| S21 3 | 1 | ("2002/0163760").URPN. | USPAT | OR | ON | 2007/01/03 16:30 |
| S21 4 | 4 | ("6154852" "6263454" "6701450" "6744595").PN. | US-PGPUB; USPAT | OR | ON | 2007/01/03 16:31 |
| S21 5 | 3667 | (great\$3 long\$3 larg\$3) NEAR4 ((time ADJ out) time\$1out) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/04 10:38 |
| S21 6 | 290 | S215 WITH (peripheral device card) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/04 09:24 |
| S21 7 | 18313 | ((710/1,8,10,15,17,19,36,46,62,72) or (713/1,2,300-340, 500-503,600-601)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/04 09:24 |
| S21 8 | 17 | S216 AND S217 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/04 09:36 |
| S21 9 | 17 | ("4268906" "5129064" "5671365" "5740467" "5761427" "5875343" "5881296" "5892969" "6006340" "6055603" "6085277" "6138176").PN. OR ("6434630").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/04 09:31 |
| S22 0 | 155 | S215 AND S217 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/04 09:37 |
| S22 1 | 138 | S220 NOT S218 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/04 09:37 |

EAST Search History

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|----------|---------|--|--|----|----|------------------|
| S22 2 | 124 | S221 AND @ay<="2003" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/04 09:38 |
| S22 3 | 8545 | (spin spin\$1up (spin ADJ up)) NEAR2 (time cycle length) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/04 10:29 |
| S22 4 | 1903949 | max maximum | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/04 10:25 |
| S22 5 | 202 | S223 WITH S224 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/04 10:25 |
| S22 6 | 70 | S223 NEAR3 S224 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/04 10:28 |
| S22 7 | 8 | S225 AND S217 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/04 10:25 |
| S22 8 | 619 | (spin\$1up (spin ADJ up)) NEAR2 (time cycle length) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/04 10:29 |
| S22 9 | 30 | S228 WITH S224 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/04 10:34 |
| S23 0 | 146 | (great\$3 long\$3 larg\$3) WITH S228 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/04 10:38 |
| S23 1 | 66 | (great\$3 long\$3 larg\$3) NEAR3 S228 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/04 10:38 |

EAST Search History

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|----------|-------|--|---|----|-----|------------------|
| S23 2 | 49 | ("4430704" "5561819" "5561821" "5781798" "6324644" "5245703" "5379437" "5396654" "5477476" "5867645" "5875349" "5938742" "6023585" "6029209" "6038621" "6141708" "6145019" "6219736" "6219736" "4373181" "4378160" "4435781" "4589063" "4591973" "4800523" "4821180" "4970640" "5199105" "5220534" "5220659" "5222218" "5228130" "5247682" "5261107" "5291585" "5307462" "5307475" "5317695" "5325527" "5355414" "5357519" "5361365" "5371897" "5404524" "5442305" "5459867" "5465355" "5465360" "5495594" "5517638").pn. | USPAT | OR | ON | 2007/01/05 15:12 |
| S23 3 | 4551 | wire\$2 ADJ "or" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 12:16 |
| S23 4 | 633 | S233 WITH bus | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 12:16 |
| S23 5 | 1 | S234 SAME timeout | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 12:17 |
| S23 6 | 171 | S234 SAME time | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 12:17 |
| S23 7 | 51 | S234 WITH time | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 12:17 |
| S23 8 | 18313 | ((710/1,8,10,15,17,19,36,46,62,72) or (713/1,2,300-340, 500-503,600-601)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/08 16:40 |
| S23 9 | 4551 | wire\$2 ADJ "or" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 16:40 |
| S24 0 | 633 | S239 WITH bus | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 16:40 |
| S24 1 | 32 | S240 AND S238 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 16:40 |

EAST Search History

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|----------|---------|---|---|----|-----|------------------|
| S24 2 | 2191806 | combin\$3 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 16:41 |
| S24 3 | 181 | S239 WITH S242 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 16:41 |
| S24 4 | 12 | S243 WITH bus | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 16:41 |
| S24 5 | 4070 | determin\$3 NEAR3 (access\$3) NEAR3 (time cycle length) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/17 09:30 |
| S24 6 | 3442 | determin\$3 NEAR3 (access\$3) NEAR3 (time) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/17 09:31 |
| S24 7 | 426 | S246 WITH (peripheral device) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/17 09:31 |
| S24 8 | 19745 | ((710/1,8,10,15,17,19,36,46,62,72) or (713/1,2,300-340,500-503,600-601)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/17 09:38 |
| S24 9 | 19 | S247 AND S248 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/17 09:39 |
| S25 0 | 50 | ("3556005" "3556029" "3559879" "3559900" "3561655" "3563124" "3563260" "3563426" "3563533" "3564158" "3564331" "3565401" "3566773" "3570703" "3572845" "3573741" "3574493" "3575143" "3575410" "3576184" "3580050" "3580340" "3581162" "3581605" "3584270" "3584651" "3584921" "3585549" "3589230" "3590629" "3591703" "3593020" "3593302" "3594647" "3594684" "3594787" "3597855" "3598132" "3599783" "3601513" "3602946" "3603250" "3608540" "3611402" "3612125" "3613513" "3613958" "3616880" "3616998" "3619069").pn. | US-PGPUB; USPAT | OR | ON | 2007/07/17 09:52 |

EAST Search History

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|----------|-------|--|--|----|----|------------------|
| S25 1 | 49 | ("20050132092" "20040137805" "4430704" "5561819" "5561821" "5781798" "6324644" "5245703" "5379437" "5396654" "5477476" "5867645" "5875349" "5938742" "6023585" "6029209" "6038621" "6141708" "6145019" "6219736" "6219736" "4373181" "4378160" "4435781" "4589063" "4591973" "4800523" "4821180" "4970640" "5199105" "5220534" "5220659" "5222218" "5228130" "5247682" "5261107" "5291585" "5307462" "5307475" "5317695" "5325527" "5355414" "5357519" "5361365" "5371897" "5404524" "5442305" "5459867" "5465355" "5465360").pn. | US-PGPUB; USPAT | OR | ON | 2007/07/17 09:53 |
| S25 2 | 211 | determin\$3 NEAR3 (long\$3 great\$3 maximum) NEAR3 (start\$3 initializ\$5) NEAR3 (time period) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/17 09:45 |
| S25 3 | 3 | S252 AND S248 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/17 09:45 |
| S25 4 | 43 | S251 AND (access) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/17 09:54 |
| S25 5 | 48 | S251 AND time | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/17 09:55 |
| S25 6 | 72 | (maximum NEAR3 time NEAR3 available) WITH (device peripheral) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/17 15:34 |
| S25 7 | 6 | (maximum NEAR3 time NEAR3 initializ\$5) WITH (device peripheral) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/17 15:34 |
| S25 8 | 13 | ((determin\$3 select\$3) NEAR2 (time) NEAR2 (access\$3 read\$3 writ\$3) NEAR2 (device peripheral)) SAME (initializ\$5 start\$3 boot\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/18 12:11 |
| S25 9 | 14210 | ready NEAR state | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/18 12:11 |

EAST Search History

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|----------|-----|---|--|----|----|------------------|
| S26 0 | 171 | (determin\$3 select\$3) WITH (time) WITH S259 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/18 12:11 |
| S26 1 | 31 | S260 WITH (peripheral device) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/18 12:12 |
| S26 2 | 289 | (most max\$4 great\$3) WITH (S259) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/18 12:28 |
| S26 3 | 9 | S262 SAME (combin\$3 add) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/18 12:18 |
| S26 4 | 45 | (most max\$4 great\$3) NEAR3 (S259) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/18 12:28 |
| S26 5 | 5 | ("20030115413" "6012124" "6233625" "6668305" "6915363"). PN. | US-PGPUB; USPAT | OR | ON | 2007/07/18 12:29 |